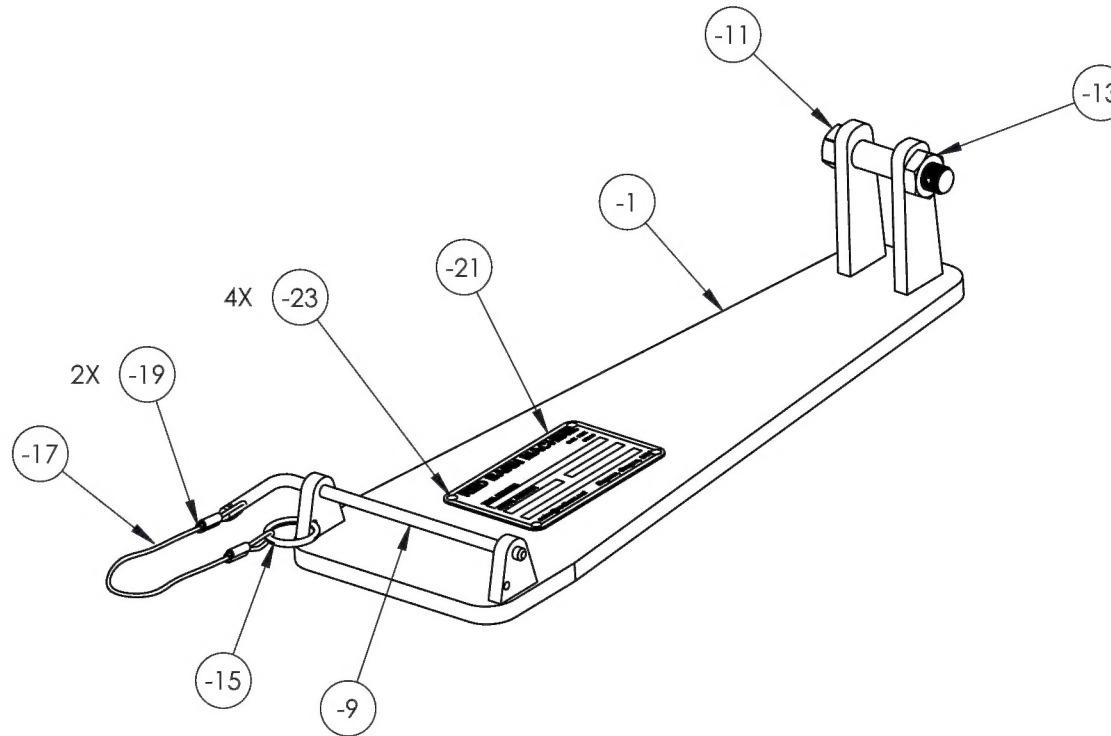



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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	ADDED PLACARD, SHT 2 MOVED Ø .453 HOLE TO WELDMENT, SHT 4 CH'D HOLE FROM .453 TO .250	12/14/2012	JAG	



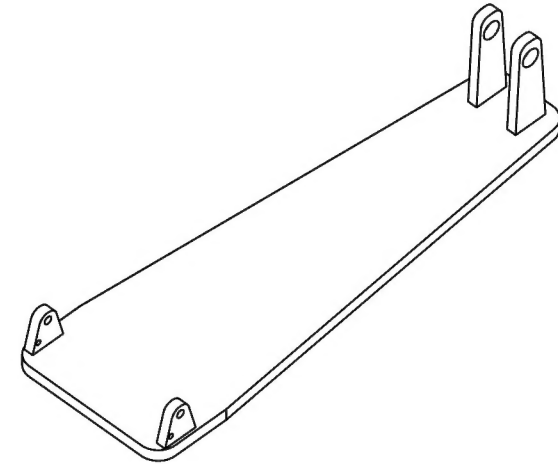
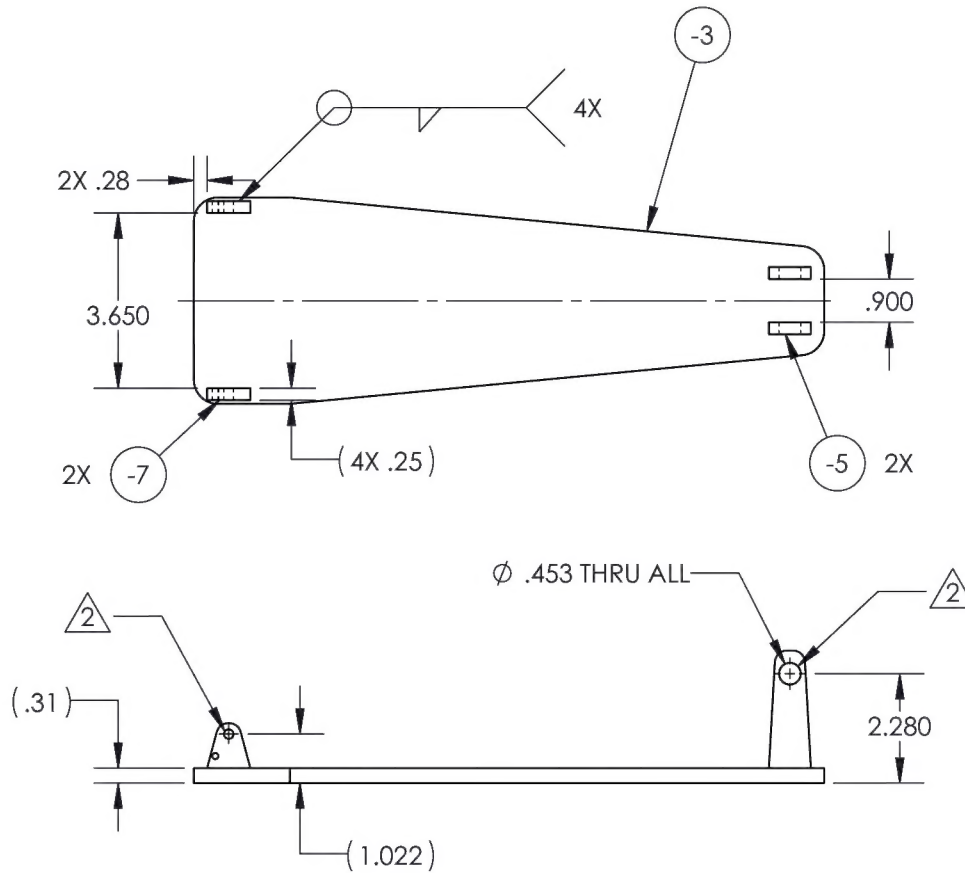
ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-1	1	WELDMENT			2
	1		-3		BASE	1018	5/16 X 4-1/2 X 13-1/2	3
	2		-5		TALL UPRIGHT	1018	1/4 X 1 X 2-5/8	4
	2		-7		SHORT UPRIGHT	1018	1/4 X 1 X 1	5
			-9	1	PIN	01	Ø5mm DRILL ROD X 6-1/2	6
		B/O	-11	1	BOLT	STEEL	7/16-20 X 2 AN7-17	1
		B/O	-13	1	NUT	STEEL	7/16-20 MCMaster-CARR #93839A820	1
		B/O	-15	1	SPLIT RING	STEEL	Ø11/16 MCMaster-CARR #90177A215	1
		B/O	-17	1	LANYARD	S.S.	Ø1/16 X 8 CARR LANE #CL2C	1
		B/O	-19	2	FERRULE	ALUMINUM	Ø1/16 X 3/8 MCMaster-CARR #3896T31	1
		B/O	-21	1	RED BARN PLACARD	ALUMINUM	RB41009	1
		B/O	-23	4	#2 DRIVE SCREW	COATED STEEL	1/8 MCMaster-CARR #90081A074	1
	ASSY -1							

REF P/N 109-3400-06-1

 RED BARN MACHINE			
TITLE		FLIGHT CONTROL SERVO-ACTUATOR LENGTH ADJUSTMENT	
DWG NO.		RBW109-3400-06-1	
MAT'L		DRAWN BY: GILBERT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED <i>D Weil</i>	
.XXX ± .005		FRACTIONS ± 1/32	
.XX ± .01		ANGLES ± 5°	
.X ± .1		SPEC	
1. BREAK ALL SHARP EDGES .015 x 45°		USED ON MODEL	
OR .015R		AGUSTA AW109	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
SCALE	1:3	DATE	7/6/2011
		SHEET 1 OF 6	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	MOVED Ø .453 HOLE TO WELDMENT	12/14/2012	JAG	



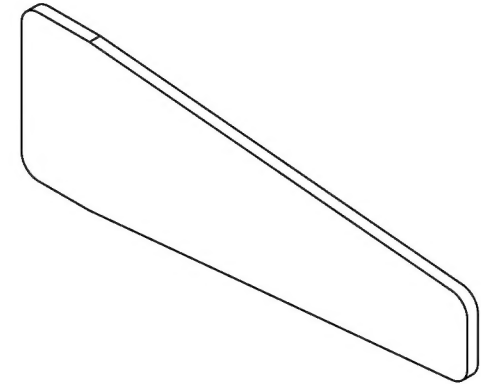
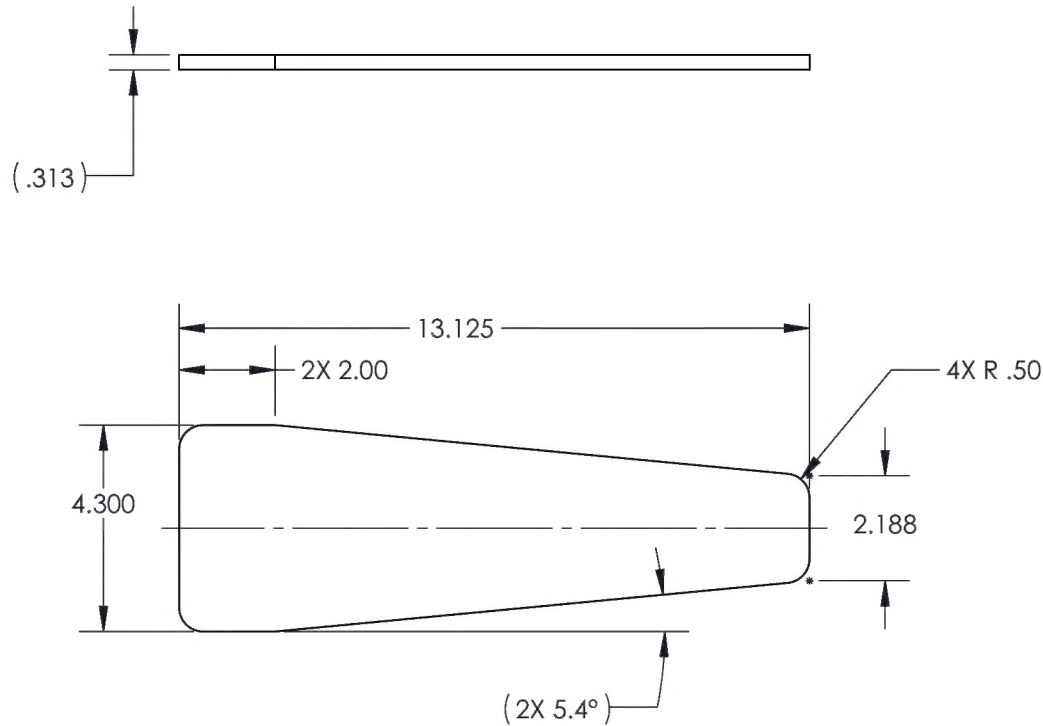
- 1 POSITION 4 UPRIGHTS AS SHOWN, WELD IN PLACE, THE USE OF A WELD FIXTURE IS RECOMMENDED TO PROPERLY POSITION.
- 2 HOLES MUST BE ALIGNED TO ALLOW BOLT OR PIN TO SLIDE THRU TWO HOLES.

(-1)
WELDMENT

RED BARN MACHINE	
TITLE FLIGHT CONTROL SERVO-ACTUATOR LENGTH ADJUSTMENT	
DWG NO. RBW109-3400-06-1-1	REV 1
MAT'L	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/32	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH POWDER COAT YELLOW
.X ± .1	SPEC FED #13538
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AGUSTA AW109
SCALE 1:3	DATE 7/6/2011
SHEET 2 OF 6	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED

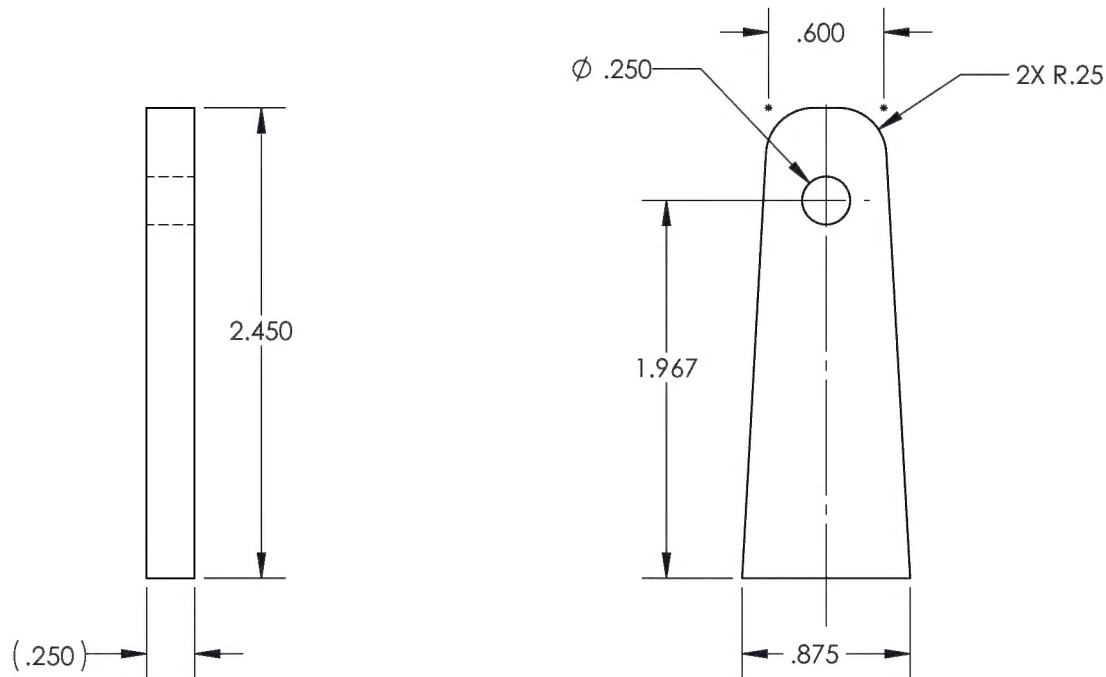


③
BASE

RED BARN MACHINE	
TITLE: FLIGHT CONTROL SERVO-ACTUATOR LENGTH ADJUSTMENT	
DWG NO.: RBW109-3400-06-1-3	REV: 1
MAT'L: 1018	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED: <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/32	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AGUSTA AW109
SCALE: 1:4	DATE: 7/6/2011
SHEET 3 OF 6	


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CH'D HOLE FROM .453 TO .250	12/14/2012	JAG	



(-5)

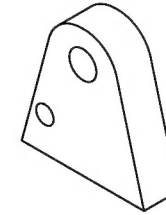
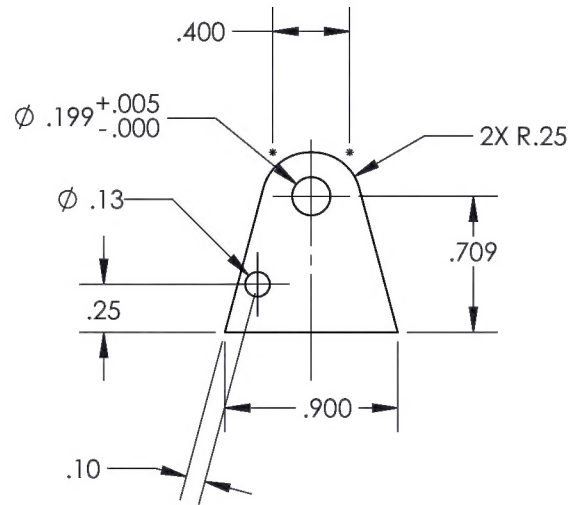
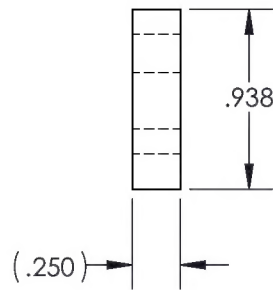
TALL UPRIGHT

 RED BARN MACHINE	
TITLE FLIGHT CONTROL SERVO-ACTUATOR LENGTH ADJUSTMENT	
DWG NO. RBW109-3400-06-1-5	REV 1
MAT'L 1018	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL AGUSTA AW109
SCALE 1:1	DATE 7/6/2011 SHEET 4 OF 6

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REVISIONS

REV	DESCRIPTION	DATE	INITIAL	APPROVED
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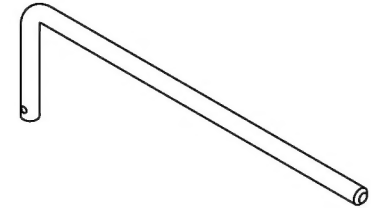
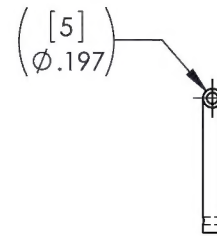
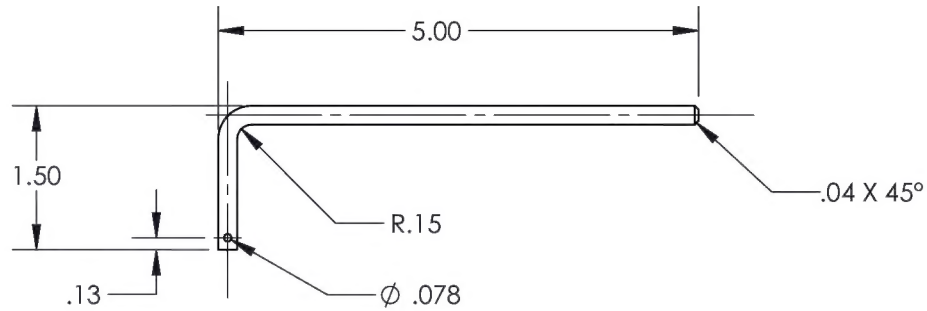
(-7)

SHORT UPRIGHT

 RED BARN MACHINE	
TITLE FLIGHT CONTROL SERVO-ACTUATOR LENGTH ADJUSTMENT	
DWG NO. RBW109-3400-06-1-7	REV 1
MAT'L 1018	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL AGUSTA AW109
SCALE 1:1	DATE 7/6/2011
SHEET 5 OF 6	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



⑨
PIN

RED BARN MACHINE	
TITLE FLIGHT CONTROL SERVO-ACTUATOR LENGTH ADJUSTMENT	
DWG NO. RBW109-3400-06-1-9	REV 1
MAT'L 01	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED D Weil HEAT TREAT FINISH SPEC QQ-P-416F, TYPE II, CLASS II USED ON MODEL AGUSTA AW109
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:2	DATE 7/6/2011 SHEET 6 OF 6